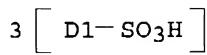
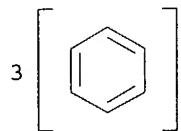


L Number	Hits	Search Text	DB	Time stamp
1	180	ink and dye and water and (shear near thinning)	USPAT; US-PGPUB	2004/07/22 19:02
2	4	(ink and dye and water and (shear near thinning)) and ((#7methane methine) same dye)	USPAT; US-PGPUB	2004/07/22 18:54
3	158	(ink and dye and water and (shear near thinning)) and (polysaccharide starch hydrogel silica polyvinyl gum)	USPAT; US-PGPUB	2004/07/22 18:57
4	61	(ink and dye and water and (shear near thinning)) and thickener	USPAT; US-PGPUB	2004/07/22 18:58
5	44	((ink and dye and water and (shear near thinning)) and thickener) and (polyethylene adj glycol urea fatty near alcohol)	USPAT; US-PGPUB	2004/07/22 20:45
6	8	((ink and dye and water and (shear near thinning)) and thickener) and (polyethylene adj glycol urea fatty near alcohol)) and 106/\$.ccls.	USPAT; US-PGPUB	2004/07/22 18:59
7	19	ink and dye and water and (shear near thinning near index)	USPAT; US-PGPUB	2004/07/22 20:42
8	4	("2305098" "2555474" "3886083" "4246033").pn.	USPAT; US-PGPUB	2004/07/22 20:44
9	0	((2305098" "2555474" "3886083" "4246033").pn.) and shear	USPAT; US-PGPUB	2004/07/22 20:44
10	23	(ink and dye and water and (shear near thinning)) and 401/\$.ccls.	USPAT; US-PGPUB	2004/07/22 20:46
11	17	((ink and dye and water and (shear near thinning)) and 401/\$.ccls.) not ((ink and dye and water and (shear near thinning near index)) (((ink and dye and water and (shear near thinning)) and thickener) and (polyethylene adj glycol urea fatty near alcohol)) and 106/\$.ccls.))	USPAT; US-PGPUB	2004/07/22 20:47
12	0	((ink and dye and water and (shear near thinning)) and 401/\$.ccls.) not ((ink and dye and water and (shear near thinning near index)) (((ink and dye and water and (shear near thinning)) and thickener) and (polyethylene adj glycol urea fatty near alcohol)) and 106/\$.ccls.)) and (erase eradica\$4 invisible disappear)	USPAT; US-PGPUB	2004/07/22 20:49
13	6	((ink and dye and water and (shear near thinning)) and 401/\$.ccls.) not ((ink and dye and water and (shear near thinning near index)) (((ink and dye and water and (shear near thinning)) and thickener) and (polyethylene adj glycol urea fatty near alcohol)) and 106/\$.ccls.)) and (erase eradica\$4 invisible disappear remove)	USPAT; US-PGPUB	2004/07/22 21:05
14	103	(ink and dye and water and (shear near thinning)) and (erase eradica\$4 invisible disappear remove)	USPAT; US-PGPUB	2004/07/22 21:05
15	15	((ink and dye and water and (shear near thinning)) and (erase eradica\$4 invisible disappear remove)) and (((((ink and dye and water and (shear near thinning)) and thickener) and (polyethylene adj glycol urea fatty near alcohol)) and 106/\$.ccls.) ((ink and dye and water and (shear near thinning)) and 401/\$.ccls.) (((ink and dye and water and (shear near thinning)) and 401/\$.ccls.) not ((ink and dye and water and (shear near thinning near index)) (((ink and dye and water and (shear near thinning)) and thickener) and (polyethylene adj glycol urea fatty near alcohol)) and 106/\$.ccls.)) and (erase eradica\$4 invisible disappear remove)) ((ink and dye and water and (shear near thinning)) and ((#7methane methine) same dye)))	USPAT; US-PGPUB	2004/07/22 21:06

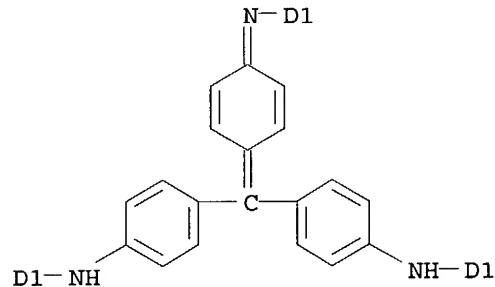
N 28983-56-4 REGISTRY
CN Benzenesulfonic acid, [[4-[bis[4-[(sulfophenyl)amino]phenyl]methylene]-2,5-cyclohexadien-1-ylidene]amino]-, disodium salt (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN C.I. Acid Blue 93 (7CI)
CN C.I. Acid Blue 93, disodium salt (8CI)
CN Methyl blue (6CI)
OTHER NAMES:
CN Acid Blue 93
CN Acid Leather Blue HER
CN Aniline Blue
CN Brilliant Lake Blue G
CN C.I. 42780
CN Cotton blue
CN **Helvetica Blue**
CN Helvetica Blue I
CN Helvetica Blue Pure I
CN Ink Blue
CN Ink Blue BA
CN Ink Blue BJT
CN Ink Blue BJTBN 80
CN Ink Blue BJTBN 80
CN Ink Blue BJTN
CN Ink Blue G
CN Ink Blue M
CN Ink Blue N
CN Ink Blue Special
CN Ink Blue WGS
CN Ink Blue WRS
CN Methyl blue (biological stain)
CN Orient Soluble Blue OBB
CN Orient Soluble Blue OBC
CN Pure Soluble Blue I
CN Silk Blue H
CN Sky Blue G
CN Solar Soluble Blue BN
CN Soluble Blue
CN Soluble Blue 8B
CN Special Soluble Blue HT
CN Water Blue 6B
CN Water Blue B
CN Water Blue I Old Type 1240a
CN Water Blue IN
DR 1324-79-4
MF C37 H29 N3 O9 S3 . 2 Na
CI IDS
LC STN Files: ADISNEWS, AGRICOLA, ANABSTR, AQUIRE, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CEN, CHEMCATS, CHEMLIST, CIN, CSCHEM, CSNB, EMBASE, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, MSDS-OHS, PIRA, PROMT, RTECS*, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)
DT.CA Caplus document type: Conference; Journal; Patent
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)
RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); USES (Uses)
RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)
RLD.NP Roles for non-specific derivatives from non-patents: FORM (Formation,

nonpreparative); PRP (Properties)
CRN (30424-60-3)

PAGE 1-A



PAGE 2-A



● 2 Na

204 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
204 REFERENCES IN FILE CAPLUS (1907 TO DATE)
15 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

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ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 3564-18-9 REGISTRY

CN Benzoic acid, 3,3'-(1,1-dioxido-3H-2,1-benzoxathiol-3-ylidene)bis[6-hydroxy-5-methyl-, trisodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 3H-2,1-Benzoxathiole, benzoic acid deriv.

CN Benzoic acid, 3,3'-(3H-2,1-benzoxathiol-3-ylidene)bis[6-hydroxy-5-methyl-, S,S-dioxide, trisodium salt

CN C.I. Mordant Blue 3 (7CI)

CN C.I. Mordant Blue 3, trisodium salt (8CI)

CN Solochrome Cyanine R (6CI)

OTHER NAMES:

CN Alizarol Cyanine RC

CN Atlantichrome Cyanine RA

CN C.I. 43820

CN Chrome Blue 3R

CN Chrome Cyanine R

CN Chromoxane Cyanin R

CN Chromoxane Cyanine R

CN Chromoxane Cyanine RA

CN Cromal Blue Black B

CN Diacromo Cyanine R

CN Diamond Cyanine R

CN Eiochrome Cyanine R

CN Eriochromcyanin No. 553

CN Eriochrome Cyanin R

CN Eriochrome Cyanine R

CN Eriochrome Cyanine RC

CN Fenakrom Blue XR

CN Mordant Blue 3

CN Omega Chrome Cyanine GR

CN Pontachrome Blue ECR

CN Sunchromine Cyanine R

CN Tertrochrome Cyanine CR

DR 55128-07-9, 98981-26-1, 29545-72-0

MF C23 H18 O9 S . 3 Na

CI COM

LC STN Files: ANABSTR, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MSDS-OHS, TOXCENTER, USPATFULL

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

DT.CA CAplus document type: Conference; Journal; Patent; Report

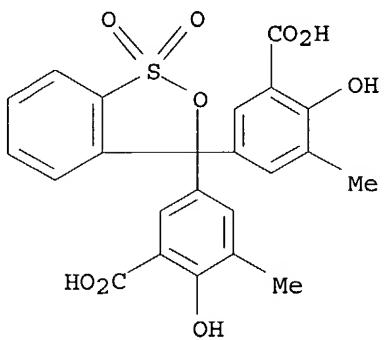
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PRP (Properties); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); FORM (Formation, nonpreparative); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent)

CRN (2588-24-1)



●3 Na

362 REFERENCES IN FILE CA (1907 TO DATE)

28 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

362 REFERENCES IN FILE CAPLUS (1907 TO DATE)

37 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=>

ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 5141-20-8 REGISTRY

CN Benzenemethanaminium, N-ethyl-N-[4-[[4-[ethyl[(3-sulfophenyl)methyl]amino]phenyl](4-sulfophenyl)methylene]-2,5-cyclohexadien-1-ylidene]-3-sulfo-, inner salt, disodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenemethanaminium, N-ethyl-N-[4-[[4-[ethyl[(3-sulfophenyl)methyl]amino]phenyl](4-sulfophenyl)methylene]-2,5-cyclohexadien-1-ylidene]-3-sulfo-, hydroxide, inner salt, disodium salt
CN C.I. Acid Green 5 (7CI)
CN C.I. Acid Green 5, disodium salt (8CI)
CN Light Green SF (6CI)

OTHER NAMES:

CN A F Green No.2
CN Acid Brilliant Green SF
CN Acid Green 5
CN Acid Green A
CN Acidal Light Green SF
CN Acilan Green SFG
CN Acilan Light Green SFG
CN Amacid Green G
CN C.I. 42095
CN C.I. Food Green 2
CN D and C Green No. 4
CN FD and C Green No. 2
CN Fenazo Green 7G
CN Food Green 2
CN Green No. 203
CN Japan Green 205
CN Japan Green No. 205
CN Leather Green SF
CN Light Green Lake
CN Light Green SF Yellowish
CN Light Green SFA
CN Light Green SFD
CN Light Green Yellowish
CN Light SF Yellowish
CN Lissamine Green SF
CN Lissamine Lake Green SF
CN Merantine Green SF
CN MY/68
CN NSC 9619
CN Pencil Green SF
CN Sulfo Green J
CN Sumitomo Light Green SF Yellowish
DR 4857-83-4
MF C37 H36 N2 O9 S3 . 2 Na
CI COM

LC STN Files: AGRICOLA, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, CSNB, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, IPA, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, RTECS*, TOXCENTER, USPATFULL

(*File contains numerically searchable property data)

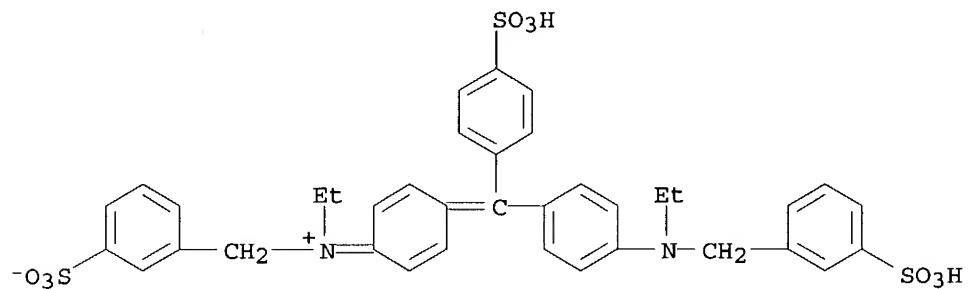
Other Sources: DSL**, EINECS**, TSCA**

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DT.CA CAplus document type: Conference; Journal; Patent; Report

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)



●2 Na

215 REFERENCES IN FILE CA (1907 TO DATE)
215 REFERENCES IN FILE CAPLUS (1907 TO DATE)
40 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 2580-56-5 REGISTRY

CN Methanaminium, N-[4-[[4-(dimethylamino)phenyl] [4-(phenylamino)-1-naphthalenyl]methylene]-2,5-cyclohexadien-1-ylidene]-N-methyl-, chloride (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN C.I. Basic Blue 26 (7CI, 8CI)

CN Victoria Blue B (6CI)

OTHER NAMES:

CN ADC Victoria Blue B

CN Aizen Victoria Blue BH

CN Basazol C Blue 57

CN Basic Blue 26

CN Basonyl Blue 640

CN C-WR Blue 8

CN C.I. 44045

CN Calcozine Blue B

CN Flexo Blue 640

CN Hecto Blue B

CN Hidaco Victoria Blue B

CN Mitsui Victoria Blue B

CN Tertrophene Blue

CN Victoria Blue B chloride

CN Victoria Blue BA

CN Victoria Blue BH

CN Victoria Blue BN

CN Victoria Blue BN CI 44045

CN Victoria Blue BP

CN Victoria Blue BS

CN Victoria Blue BSA

CN Victoria Blue BX

CN Victoria Blue FB

CN Victoria Pure Blue B

CN Victoria Pure Blue BC

DR 97930-07-9

MF C33 H32 N3 . Cl

CI COM

LC STN Files: AGRICOLA, ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CIN, CSCHEM, EMBASE, IFICDB, IFIPAT, IFIUDB, MEDLINE, MSDS-OHS, NIOSHTIC, PIRA, PROMT, TOXCENTER, USPAT2, USPATFULL

(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

DT.CA CAplus document type: Conference; Journal; Patent; Report

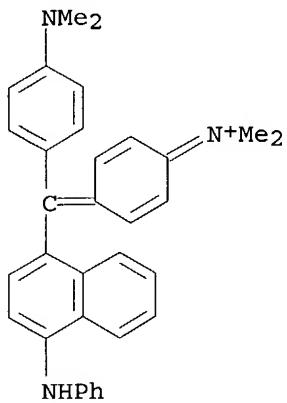
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.P Roles for non-specific derivatives from patents: PREP (Preparation); PROC (Process); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: PRP (Properties)

CRN (48232-56-0)



● Cl⁻

289 REFERENCES IN FILE CA (1907 TO DATE)

6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

289 REFERENCES IN FILE CAPLUS (1907 TO DATE)

30 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 569-58-4 REGISTRY

CN Benzoic acid, 5-[(3-carboxy-4-hydroxyphenyl)(3-carboxy-4-oxo-2,5-cyclohexadien-1-ylidene)methyl]-2-hydroxy-, triammonium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,4-Cyclohexadiene-1-carboxylic acid, 3-[bis(3-carboxy-4-hydroxyphenyl)methylene]-6-oxo-, triammonium salt (7CI)

CN Aluminon (6CI)

CN C.I. Mordant Violet 39, triammonium salt (8CI)

OTHER NAMES:

CN Ammonium aurintricarboxylate

CN Aurintricarboxylic acid ammonium salt

CN Aurintricarboxylic acid triammonium salt

CN Triammonium aurintricarboxylate

CN Triammonium dihydroxyfuchsonetricarboxylate

DR 25329-64-0, 144097-08-5

MF C22 H14 O9 . 3 H3 N

CI COM

LC STN Files: AGRICOLA, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, GMELIN*, IFICDB, IFIPAT, IFIUDB, MRCK*, MSDS-OHS, NIOSHTIC, RTECS*, SPECINFO, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

DT.CA CAplus document type: Conference; Journal; Patent

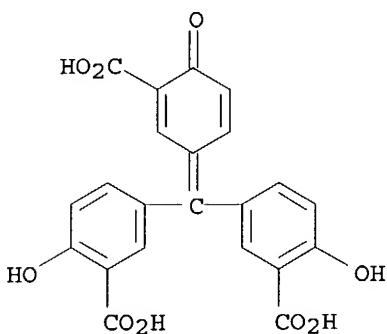
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: BIOL (Biological study); PREP (Preparation)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: ANST (Analytical study); PREP (Preparation); PROC (Process); PRP (Properties); USES (Uses)

CRN (4431-00-9)



● 3 NH₃

273 REFERENCES IN FILE CA (1907 TO DATE)

12 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA

273 REFERENCES IN FILE CAPLUS (1907 TO DATE)

16 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN

RN 2353-45-9 REGISTRY

CN Benzenemethanaminium, N-ethyl-N-[4-[[4-[ethyl[(3-sulfophenyl)methyl]amino]phenyl](4-hydroxy-2-sulfophenyl)methylene]-2,5-cyclohexadien-1-ylidene]-3-sulfo-, inner salt, disodium salt (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Benzenemethanaminium, N-ethyl-N-[4-[[4-[ethyl[(3-sulfophenyl)methyl]amino]phenyl](4-hydroxy-2-sulfophenyl)methylene]-2,5-cyclohexadien-1-ylidene]-3-sulfo-, hydroxide, inner salt, disodium salt
CN C.I. Food Green 3 (7CI)
CN C.I. Food Green 3, disodium salt (8CI)
CN **Fast Green FCF (6CI)**

OTHER NAMES:

CN C.I. 42053
CN FD and C Green No. 3
CN FD&C Green No. 3
CN FDC Green 3
CN Food Green 3
CN Food Green No. 3
CN Japan Green 3
CN Japan Green No. 3
CN NSC 379443
DR 13083-10-8
MF C37 H36 N2 O10 S3 . 2 Na
CI COM

LC STN Files: AGRICOLA, ANABSTR, AQUIRE, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CANCERLIT, CAOLD, CAPLUS, CHEMCATS, CHEMLIST, CSCHEM, DDFU, DRUGU, EMBASE, IFICDB, IFIPAT, IFIUDB, MEDLINE, MRCK*, MSDS-OHS, NIOSHTIC, RTECS*, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)

Other Sources: DSL**, EINECS**, TSCA**
(**Enter CHEMLIST File for up-to-date regulatory information)

DT.CA CAplus document type: Conference; Journal; Patent

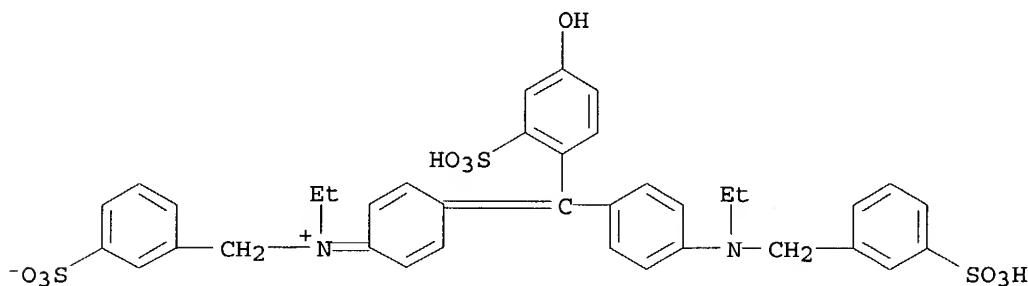
RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses)

RLD.P Roles for non-specific derivatives from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); MSC (Miscellaneous); OCCU (Occurrence); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); USES (Uses); NORL (No role in record)

RLD.NP Roles for non-specific derivatives from non-patents: USES (Uses)

CRN (25738-40-3)



411 REFERENCES IN FILE CA (1907 TO DATE)
9 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
411 REFERENCES IN FILE CAPLUS (1907 TO DATE)
22 REFERENCES IN FILE CAOLD (PRIOR TO 1967)